

**UNITED STATES DISTRICT COURT  
FOR THE NORTHERN DISTRICT OF TEXAS**

Air Products and Chemicals, Inc., et al.

Plaintiff

v.

2:23-cv-147

Civil Action No.

General Services Administration, et al.

Defendant

**CERTIFICATE OF INTERESTED PERSONS/DISCLOSURE STATEMENT**

(This form also satisfies Fed. R. Civ. P. 7.1)

Pursuant to Fed. R. Civ. P. 7.1 and LR 3.1(c), LR 3.2(e), LR 7.4, LR 81.1(a)(4)(D), and LR 81.2,

Plaintiffs Air Products and Chemicals, Inc., and Air Products LLC

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provides the following information:

For a nongovernmental corporate party, the name(s) of its parent corporation and any publicly held corporation that owns 10% or more of its stock (if none, state "None"):

**\*Please separate names with a comma. Only text visible within box will print.**

Air Products and Chemicals, Inc. has no parent corporation. No publicly held corporation owns 10 percent or more of its stock.

Air Products LLC is a wholly owned subsidiary of Air Products and Chemicals, Inc. No publicly held corporation owns 10 percent or more of its stock.

A complete list of all persons, associations of persons, firms, partnerships, corporations, guarantors, insurers, affiliates, parent or subsidiary corporations, or other legal entities that are financially interested in the outcome of the case:

**\*Please separate names with a comma. Only text visible within box will print.**

Air Products and Chemicals, Inc., and Air Products LLC. Further, Air Products and Chemicals, Inc. has numerous direct and indirect subsidiaries, none of which is publicly traded. For reference, attached is a true and correct copy of a list of majority- or wholly-owned subsidiaries, as filed with the Securities and Exchange Commission and available at <https://www.sec.gov/Archives/edgar/data/2969/000000296922000054/apd-exhibit211x30sep22.htm>.

Date: 09/07/2023  
Signature: /s/ Andrew LeGrand  
Print Name: Andrew LeGrand  
Bar Number: 24070132  
Address: 2001 Ross Avenue, Suite 2100  
City, State, Zip: Dallas, TX 75201  
Telephone: (214) 698-3405  
Fax: (214) 571-2960  
E-Mail: ALeGrand@gibsondunn.com

Exhibit 21.1

**Subsidiaries of Air Products and Chemicals, Inc.****UNITED STATES**

All companies are incorporated in the State of Delaware unless otherwise indicated.

Registrant -- Air Products and Chemicals, Inc.

7001 Hamilton Properties, LLC  
Air Products Advanced Materials LLC  
Air Products Ammonia Distribution, LLC  
Air Products Ammonia Holdings, LLC  
Air Products and Chemicals, Inc.  
Air Products and Chemicals, Inc. of Utah (Utah)  
Air Products Asia, Inc.  
Air Products Blue Energy LLC  
Air Products Caribbean Holdings, Inc.  
Air Products China, Inc.  
Air Products Helium, Inc.  
Air Products Hydrogen Company, Inc.  
Air Products Industrial Gas LLC  
Air Products International, LLC  
Air Products Investments Holdings, LLC  
Air Products Investments, LLC  
Air Products LLC  
Air Products Manufacturing Corporation  
Air Products Manufacturing LLC  
Air Products West Coast Hydrogen LLC  
APCI (U.K.), Inc.  
APMTG Helium LLC  
East Coast Nitrogen Company LLC  
East Coast Oxygen Co.  
EPCO Carbondioxide Products, Inc. (Illinois)  
Felix 4, LLC  
Felix Holding Company II, LLC  
Gardner Cryogenics, Inc. (Pennsylvania)  
Harvest Energy Technology, Inc. (California)  
Indura Holdings Colombia, LLC  
Olin - DNT Limited Partnership  
Permea, Inc.  
ProCal (California)  
Prodair Corporation  
SCWC Corp.  
Stravinsky Investments LLC  
The Former SR Manufacturers Inc. (Colorado)

**ALGERIA**

Helios S.p.A.

**ARGENTINA**

Indura Argentina S.A.

**AUSTRIA**

Air Products Gesellschaft mbH

**BAHRAIN**

Air Products Bahrain W.L.L.  
Middle East Carbon Dioxide W.L.L. (MECD)

**BELGIUM**

ACP Zolder Invest NV  
Air Products Management BV/SRL  
Air Products S.A.  
Napro S.A.

**BERMUDA**

Asia Industrial Gas Company Ltd.

**BRAZIL**

Air Products Brasil Ltda.

**CANADA**

Air Products Canada Ltd./Prodair Canada Ltée  
Air Products Ammonia Distribution Ltd.

**CHILE**

AP Services South America SpA  
Centro Técnico Indura Limitada  
Indura Inversiones Limitada  
Indura S.A.  
Indura Sociedad Comercial Limitada  
Inversiones Air Products Holdings Limitada  
Oxigeno Medicinal Domiciliario Limitada  
Servicios Indura Limitada

**CHINA**

Air Products (Anshan) Gases Company Limited  
Air Products (Beijing) Hydrogen Energy Technology Co., Ltd.  
Air Products (Cangzhou) Co., Ltd.  
Air Products (Changsha) Co., Ltd.  
Air Products (Chongqing) Chem-Materials Co., Ltd.  
Air Products (Dongguan) Gases Co., Ltd.  
Air Products (Guangzhou) Electronics Gases Co., Ltd.  
Air Products (Hangjin Qi) Co., Ltd.  
Air Products (Hefei) Electronics Gases Co., Ltd  
Air Products (Hong Kong) Co., Ltd.  
Air Products (Huai'an) Gases Co., Ltd  
Air Products (Huabei) Gases Co., Ltd.  
Air Products (Inner Mongolia) Hydrogen Energy Technology Co., Ltd.  
Air Products (Jiangxi) Co., Ltd.  
Air Products (Jiangxi) Co., Ltd. Jiujiang Branch  
Air Products (Jincheng) Co., Ltd.  
Air Products (Jinjiang) Electronics Gases Co., Ltd.  
Air Products (Kunshan) Gases Co., Ltd, FuChunjiang Road Branch  
Air Products (Kunshan) Gases Co., Ltd.  
Air Products (Linfen) Co., Ltd.  
Air Products (Nanjing) Electronics Gases Co., Ltd  
Air Products (Ningbo) Hi-Tech Gases Co., Ltd.



Air Products (Qingdao) Gases Co., Ltd.

Air Products (Shandong) Engineering Co., Ltd.

Air Products (Shandong) Engineering Co., Ltd. Nanjing Branch

Air Products (Shanxi) Co., Ltd.

Air Products (Shenyang) Gases Co., Ltd.

Air Products (Tianjin) Co., Ltd.

Air Products (Wuhan) Gases Co., Ltd.

Air Products (Xia'men) Electronics Gases Co., Ltd.

Air Products (Xi'an) Gases Co., Ltd

Air Products (Zhongshan) Gases Co., Ltd.

Air Products (Zhumadian) Gases Co., Ltd.

Air Products and Chemicals (Anhui) Co., Ltd.

Air Products and Chemicals (Banan) Gases Co., Ltd

Air Products and Chemicals (Beijing) Distribution Co., Ltd.

Air Products and Chemicals (Binzhou) Co., Ltd.

Air Products and Chemicals (Chengdu) Co., Ltd.

Air Products and Chemicals (Chengdu) Co., Ltd. Qingbaijiang Branch

Air Products and Chemicals (China) Investment Co., Ltd.

Air Products and Chemicals (China) Investment Co., Ltd. Xi'an Branch

Air Products and Chemicals (Chongqing) Co., Ltd, Chang Shou Branch

Air Products and Chemicals (Chongqing) Co., Ltd.

Air Products and Chemicals (Dalian) Co., Ltd.

Air Products and Chemicals (Guangzhou) Co., Ltd.

Air Products and Chemicals (Guiyang) Co., Ltd.

Air Products and Chemicals (Hefei) Co., Ltd.

Air Products and Chemicals (Hohhot) Co., Ltd.

Air Products and Chemicals (Lianyungang) Gases Co., Ltd.

Air Products and Chemicals (Nanjing) Co., Ltd.

Air Products and Chemicals (Nanjing) Gases Co., Ltd.

Air Products and Chemicals (Pengzhou) Co., Ltd.

Air Products and Chemicals (Putian) Co., Ltd.

Air Products and Chemicals (Qingdao) Co., Ltd.

Air Products and Chemicals (Shaanxi Pucheng) Co., Ltd.

Air Products and Chemicals (Shaanxi) Co., Ltd.

Air Products and Chemicals (Shanghai) Co., Ltd.

Air Products and Chemicals (Shanghai) Electronics Gases Co., Ltd.

Air Products and Chemicals (Shanghai) Gases Co., Ltd.

Air Products and Chemicals (Shanghai) Gases Production Co., Ltd.

Air Products and Chemicals (Shanghai) Gasification Technology Co., Ltd.

Air Products and Chemicals (Shanghai) Hydrogen Energy Technology Co., Ltd.

Air Products and Chemicals (Shanghai) On-Site Gases Co., Ltd.

Air Products and Chemicals (Shanghai) Systems Co. Ltd.

Air Products and Chemicals (Shangluo) Co., Ltd.

Air Products and Chemicals (Shenzhen) Co., Ltd.

Air Products and Chemicals (Shenzhen) Gases Co., Ltd.

Air Products and Chemicals (Shenzhen) Gases Co., Ltd. Guangming Branch

Air Products and Chemicals (Tangshan) Co., Ltd.

Air Products and Chemicals (Tianjin) Co., Ltd.

Air Products and Chemicals (Tongxiang) Co., Ltd.

Air Products and Chemicals (Weifang) Co., Ltd.

Air Products and Chemicals (Wuxi) Co., Ltd.

Air Products and Chemicals (WuXi) Gases Co., Ltd.

Air Products and Chemicals (Xi'an) Co., Ltd.

Air Products and Chemicals (Xingtai) Co., Ltd.

Air Products and Chemicals (Xinxiang) Co., Ltd.



Air Products and Chemicals (Xuzhou) Co., Ltd.  
Air Products and Chemicals (Yichun) Co., Ltd.  
Air Products and Chemicals (Yulin) Co., Ltd.  
Air Products and Chemicals (Zhangjiagang) Co., Ltd.  
Air Products and Chemicals (Zhejiang) Co., Ltd.  
Air Products and Chemicals (Zhejiang) Co., Ltd. Hangzhou Branch  
Air Products and Chemicals (Zhuhai) Co., Ltd.  
Air Products and Chemicals (Zibo) Co., Ltd.  
Air Products and Chemicals Tech Development (Beijing) Co., Ltd.  
Air products and Chemicals(Shenzhen) Co.,Ltd. Longhua Branch  
Air Products Debang (Lianyungang) Co., Ltd.  
Air Products Huadong (Longkou) Co., Ltd.  
Air Products Hydrogen Energy Technology (Zibo) Co., Ltd.  
Air Products Jiutai (Inner Mongolia) Hydrogen Technology Co., Ltd.  
Air Products Logistics (Zhejiang) Co., Ltd.  
Air Products Lu'An (Changzhi) Co., Ltd.  
Air Products SinoHytec (Beijing) Hydrogen Energy Technology Co., Ltd.  
Beijing AP BAIF Gases Industry Co., Ltd.  
Chengdu Air & Gas Products Ltd.  
Chengzhi Air Products Hydrogen Energy Technology Co., Ltd.,  
CNOOC Air Products and Chemicals (Fujian) Co., Ltd.  
New Energy Air Products (Liaoning) Co., Ltd.  
Permea China, Ltd.  
WuXi Hi-Tech Gas Co., Ltd.

**COLOMBIA**

Gases Industriales de Colombia S.A. – Cryogas

**CZECH REPUBLIC**

Air Products spol s.r.o.

**ECUADOR**

Air Products Ecuador S.A.

**EGYPT**

Air Products Gases S.A.E.

**FRANCE**

Air Products SAS  
Helap SAS  
Lida SAS  
Prodair et Cie S.C.S.  
Prodair S.A.S.  
Soprogaz SNC

**GERMANY**

Air Products Ammonia Distribution AD GmbH  
Air Products GmbH  
Air Products Holdings GmbH

**INDIA**

Prodair Air Products India Private Limited  
INOX Air Products Pvt. Ltd.

**INDONESIA**

PT Air Products Indonesia  
PT Air Products Indonesia Services  
PT Air Products East Kalimantan

**IRELAND**

Air Products Ireland Limited

**ISRAEL**

Air Products Israel Ltd.  
Gastel Limited  
Gas Technologies, Ltd.  
Oxygen & Argon Works, Ltd.  
STS Science, Technologies and Services Ltd.

**ITALY**

Air Products Italia S.r.l.  
Sapiro Produzione Idrogeno Ossigeno S.r.l.

**JAPAN**

Air Products Japan K.K.

**KOREA**

Air Products Korea Inc.  
Korea Industrial Gases, Ltd.

**LUXEMBOURG**

ACP Europe SA

**MALAYSIA**

Air Products Malaysia Sdn Bhd  
Air Products Shared Services Sdn. Bhd  
Air Products Specialized Process Equipment SDN  
Kulim Industrial Gases Sdn Bhd

**MEXICO**

Air Products and Chemicals de Mexico, S.A. de C.V.  
Gazsur, S. de R.L. de C. V.  
Grupo INFRA

**MOROCCO**

Air Products Maghreb S.A.R.L.

**THE NETHERLANDS**

Air Products Gases Holdings B.V.  
Air Products Holdings B.V.

Air Products Investments B.V.

Air Products Leasing B.V.

Air Products Nederland B.V.

Air Products Netherlands Gases B.V.

Carbolim B.V.

KRIG Holdings B.V.

**NIGERIA**

Prodair Escravos Limited

**NORWAY**

Air Products A/S

**OMAN**

Air Products Majan LLC  
AJWAA Gases LLC

**PERU**

Air Products Peru S.A.

**POLAND**

Air Products Sp. Z o.o.  
Euro-Hel Sp. Z.o.o.  
STP & DIN Chemicals Sp. Z.o.o.

**PORUGAL**

Gasin II Unipessoal LDA  
Sociedade Portuguesa de Oxigenio, Lda.

**QATAR**

Air Products Helium Inc. Qatar Branch

**ROMANIA**

Euro-Hel Romania SRL

**SAUDI ARABIA**

Abdulla Hashim Gases & Equipment Co. Limited  
Air Products Middle East Industrial Gases Company Limited  
Air Products PLC Branch  
Air Products Qudra (GICIS)  
Air Products Saudi Investment Company  
Gases Integrated Company Limited (GIC)  
Jazan Gas Projects Company  
Jazan Integrated Gasification and Power Company (JIGPC)  
Jubail Waves for Gases Company  
NEOM Green Hydrogen Company

**SINGAPORE**

Air Products Singapore Industrial Gases Pte. Ltd.

**SLOVAKIA**

Air Products Slovakia s.r.o.

**SOUTH AFRICA**

Air Products South Africa (Proprietary) Limited

**SPAIN**

Air Products Iberica, S.L.  
Air Products Services Europe, S.A.

Andaluza de Gases, S.A.  
Carb-IQA de Tarragona, S.L.  
Carburos Via Augusta Logistics, S.L.  
Iberica del Carbonico, S.A.  
Matgas 2000 A.I.E.  
Oxigeno de Sagunto, S.L.  
Sociedad Espanola de Carburos Metalicos S.A.  
Vitalox Industrial S.L.U.

**SWITZERLAND**

Air Products Switzerland Sàrl

**TAIWAN, CHINA**

Air Products San Fu Co., Ltd.  
Air Products Taiwan Holdings Co., Ltd.

**THAILAND**

Bangkok Industrial Gas Co., Ltd.  
Bangkok Cogeneration Company Limited

**TRINIDAD AND TOBAGO**

Caribbean Industrial Gases Unlimited

**UKRAINE**

Air Products Ukraina LLC  
KRYVYI RIH Industrial Gas  
PQ Ammonia

**UNITED ARAB EMIRATES**

AJWAA Emirates Gases Company LLC  
Air Products Arabia for Industrial Gases LLC  
Air Products (Middle East) FZE  
Air Products Emirates Gases LLC  
Air Products Gulf Gas LLC  
Alemir Jebil Ali FTZ (Branch)  
Alemir Sharjah FTZ (Branch)  
German Industrial Gases (FZE) in Saif Zone  
ORCA Industrial Gases LLC

**UNITED KINGDOM**

Air Products (BR) Limited  
Air Products Equipment Limited  
Air Products Group Limited  
Air Products Llanwern Limited  
Air Products PLC  
Air Products Renewable Energy Limited  
Beer Gas Cymru Cyf  
Cryoservice Limited  
Gas Direct Cymru Cyf  
Dixons of Westerhope Limited  
Gas Direct Limited  
M&M Gases Limited

Air Products Central Asia Group LLC  
Markaziy Osiyo Sanoat Gaz LLC